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A.W.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Cha ) Art Unit: 2177  
Serial No.: 09/512,949 )  
Filed: February 25, 2000 ) Examiner: Pannala  
For: INDEXING SYSTEM AND METHOD FOR ) AM9-99-0217  
NEAREST NEIGHBOR SEARCHES IN HIGH ) September 19, 2002  
DIMENSIONAL DATA SPACES ) 750 B STREET, Suite 3120  
 ) San Diego, CA 92101  
)

SUPPLEMENTAL APPEAL BRIEF

Commissioner of Patents and Trademarks  
Washington, DC 20231

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Dear Sir:

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AND INTERFERENCES

This supplemental appeal brief is in response to the Notification of Non-Compliance with 37 C.F.R. §1.192(c), alleging that the Summary of the Invention fails to comply with the Rules because "it is only three lines and it does not cite the specification by page and line number". The contents of the original Appeal Brief are incorporated herein, with this Supplemental Brief focussing exclusively on the above-stated allegation.

There is no requirement in the cited Rule about the length of the Summary in an appeal brief. The present Summary accurately summarizes the invention as set forth in Claim 1, without introducing extraneous matter that might cloud the issues on appeal. Accordingly, the substitute brief below now refers to portions of the specification but remains an accurate, succinct, and tightly description of the invention as characterized in Claim 1.

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Serial No.: 09/512,949  
September 19, 2002  
Page 2

PATENT  
Filed: February 25, 2000

(5) Summary of Invention

As set forth in Claim 1 and disclosed on page 3, penultimate paragraph, the invention is a computer (reference numeral 18, page 5, line 18, Figure 1) programmed to query for data (page 5, line 18). For data vectors (reference "p", Figures 3 and 4, page 7, lines 19 and 20) in a data space (Figures 2 and 3, page 7, lines 8-14), respective approximations (Figure 2, block 32, page 7, lines 21 and 22) are generated in polar coordinates (Figure 2, block 32, page 7, lines 21 and 22), and then based on the approximations, "k" nearest neighbors to the query are returned (page 3, lines 13-15; page 4, lines 7 and 8; page 5, line 22 to page 6, line 1).

Respectfully submitted,



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2177

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Docket No. AM9-99-0217  
(PATENT)

SIR:

Transmitted herewith for filing in the Application of: CHA Serial No.:09/512,949

Title: INDEXING SYSTEM AND METHOD FOR NEAREST NEIGHBOR SEARCHES IN  
HIGH DIMENSIONAL DATA SPACES

are the following:

- sheets of formal drawings
- Amendment
- Amendment after Final Rejection
- Response to Restriction Requirement
- Letter to Drawing Review Branch
- Certificate of Correction
- Acknowledgment postcard
- Basic Filing Fee(\$740)
- Information Disclosure Statement
- Declaration and Power of Attorney
- Assignment of the Invention(\$40)
- Recordation Form Cover Sheet
- Notice to File Missing Parts(\$130)
- Petition for Extension of Time(\$110)
- Issue Fee(\$1,280)
- Notice of Appeal(\$320)
- Supplemental Appeal Brief in triplicate

The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit 09-0441.

Respectfully submitted,

  
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CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Board of Patent Appeals and Interferences, Washington, DC 20231

Date of Deposit: SEPTEMBER 23, 2002

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